SeaLife DC1400 Specifications

Image Sensor	14 mega pixel CCD (1/2.33”)
Color	24-bit color (RGB)
Image Resolution	4288x3216(14mp), 3264x2448(8mp), 2304x1728(4mp), 1600x1200(2mp), 640x480 (VGA)
File Format	JPEG
Movie Resolution	HD 720p / 30fps, 640x480 or 320x240
File Format	AVI (Motion JPEG)
Lens	5X Optical Zoom Aperture: F2.8(W) – F7.9(T)
Focal Length	4.7mm ~ 23.5mm Film equivalent = 26 ~ 130mm
Focus Type	Auto Focus from 1” (2.5cm) to infinity
Focus Modes	Auto, AF Tracking, Face Detection, Macro, Super Macro, Infinity.
Focusing Ranges	**Normal focus/no zoom**: 6” (15cm) to ∞ **Normal focus/5X zoom**: 24” (60cm) to∞ **Macro focus**: 2” (5cm) to ∞ **Super Macro focus**: 1” (2.5cm) to ∞
Shooting Angle	Horizontal field of view / No zoom: **Land**: 68 ° **Underwater**: 51 °
Zoom	25X Total zoom **Optical**: 5X **Digital**: 5X **Playback**: 4X
Shutter Speed	Mechanical shutter 1 to 1/2000 second
Recycle Time	As fast as 0.3 seconds (Ext Flash mode, flash on, landscape focus)
ISO	Auto, 64, 100, 200, 400, 800,1600, 3200
Flash	Auto, Force ON, OFF, Red-Eye reduction, Slow Sync, Pre Flash
Scene Modes	**6 Underwater Modes:** **Dive mode** with UW color correction **Snorkel mode** with UW color correction **Ext Flash Auto mode** for automatic exposure settings when using one or two external flash(es). **Ext Light Mode** for automatic exposure settings when using one or two external photo-video light(s). **Ext Flash + Light mode** - for automatic exposure settings when using external flash and photo-video light combination. **Ext Flash Manual mode** for manual aperture and shutter speed exposure controls when using one or two external flash accessories. **27 Land modes:** Program AE, Auto, Shutter Priority, Aperture Priority, Intelligent Scene, Sports, Smile Detection, Anti-Shake, Panorama, Skin Soften, De-Blemish, Portrait Man, Portrait Lady, Landscape, Sport, Night Portrait, Night Scene, Candlelight, Fireworks, Text, Sunset, Sunrise, Splash Water, Flow water, Snow, Beach, Pets and Natural Green.
Exposure Adjust	Auto, Manual (-2 ~ +2 EV in 1/3 steps) or Ext Flash Manual
White Balance	**Land**: Auto, Manual, Daylight, Cloudy, Incandescent, Fluorescent 1, Fluorescent 2 **Underwater**: Ext Flash WB, Blue water <25ft/8m, Blue Water > 25ft/8m, Green water <25ft/8m, Green Water >25ft/8m
Self-Timer	Self Portrait, 2 second, 10 second delay, and 10+2 second (2 pictures)

Shooting Modes	SPY mode, Single shot, Continuous (3pics), Continuous Flash, AEB (bracketing), Album Shot, Burst, Pre-Shot, Couple Shot, Burst 30fps
LCD	3.0" color LTPS TFT LCD
Memory	**Internal**: 20MB **External**: SD/SDHC card up to 32GB (Recommend 16GB Class6 SDHC card)
Read/Write Speed	3 MB/s
Video Output	Yes (NTSC and PAL support)
Audio Output	Yes (mono, 1x speaker)
EXIF Format	EXIF 2.2
USB	Version 2.0
Operating Environment	**PC**: Windows XP / Vista / 7 **MAC**: OS 10.4 and up
Instruction Manual	Included printed English manual. German, French, Spanish, Italian, Dutch languages available on SeaLife website.
Language Support	**On-Screen Display:** English, German, French, Spanish**,** Italian, Russian, Dutch, Turkish, Portuguese (Brazil), Chinese (T-C and S-C), Korean **Instruction manual:** English (printed), German, French, Spanish, Italian, Dutch
Connector	USB connector, AV connector, USB AC power adapter
Power	Battery: Lithium rechargeable battery (3.7v, 700 mAh)
Battery Life	200+ pictures, 2+ hours, 2-tank dive per charge
Certification	CE, ROHS, FCC
Weight	134 grams (4.7 ounces) WITH battery and SD card.
Dimensions	2.4”H x 3.8”W x 0.8”D 60mm x 97mm x 19mm

Underwater Housing Specifications

Depth	Individually depth tested to 200' (60 m)
Buoyancy	Positive
Controls	Control buttons for Power, Shutter, Zoom, Mode (video or still image), Playback, Focus, Flash, Menu.
Operating Temp.	33 degrees F to 110 degrees F
Storage Temp.	-20 degrees F to 140 degrees F
O-ring	Silicone
Lens Port	Optical glass lens port with anti-reflective coating With snap-on ring to adapt accessory lenses
LCD	Optical grade polycarbonate window
Tripod Mount	Standard 1/4-20 tripod threads to adapt accessories
Lanyard	Padded lanyard with swiveled attachment clip
Hardware	304-316 series marine grade stainless steel metal hardware
Material	Rubber overmolded polycarbonate housing.

Weight	370 grams (13 ounces) Housing only without inner camera 504 grams (17.7 ounces) Housing and inner camera
Size	3.7” H X ” 5.3W X 2.8” D inches 93mm X 135mm X 71mm
Warranty	1 year limited warranty